NOTICE OF DRAFTPERSON'S PATENT DRAWING REVIEW

A not objected to by the Draftperson under 37 CFR 1.84 or 1 B objected to by the Draftperson under 37 CFR 1.84 or 1.152 drawings whe necessary. Corrected drawings must be submitted according to the	as indicated below. The Examiner will require submission of new, corrected
DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink. Color.	
Color drawing are not acceptable until petition is granted.	Hatching not indicated for sectional portions of an object.
Fig.(s)	Fig.(s)
Pencil and non black ink is not permitted. Fig(s)	Sectional designation should be noted with Arabic or
2. PHOTOGRAPHS. 37 CFR 1.84(b)	Roman numbers. Fig.(s)
Photographs are not acceptable until petition is granted,	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
3 full-tone sets are required. Fig(s)	Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned, so that the top becomes the right
Photographs not properly mounted (must brystol board or	side, except for graphs. Fig.(s)
photographic double-weight paper). Fig(s)	Views not on the same plane on drawing sheet. Fig.(s)
Poor quailty (half-tone). Fig(s)	9. SCALE. 37 CFR 1.84(k)
3. TYPE OF PAPER. 37 CFR 1.84(e)	Scale not large enough to show mechansim with crowding
Paper not flexible, strong, white and durable.	when drawing is reduced in size to two-thirds in reproduction.
Fig.(s)	Fig.(s)
Erasures, alterations, overwritings, interlineations,	10 CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(I)
folds, copy machine marks not acceptable. (tee thin) Mylar, vellum paper is not acceptable (too thin).	Lines, numbers & letters not uniformly thick and well defined,
Fig(s)	clean, durable and black (poor line quality).
4. SIZE OF PAPER. 37 CFR 1.84(F): Acceptable sizes:	Fig.(s)
4. SIZE OF PAPER. 37 CFR 1.84(F). Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4)	11. SHADING. 37 CFR 1.84(m)
21.0 cm by 29.7 cm (DIN Size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches)	Solid black areas pale. Fig.(s)
All drawings sheets not the same size.	Solid black shading not permitted. Fig.(s)
Sheet(s)	Shade lines, pale, rough and blurred. Fig.(s)
5. MARGINS. 37 CFR 18.4(g): Acceptable margins:	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	37 CFR 1.48(p)
SIZE: A4 Size	Numbers and reference characters not plain and legible.
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	Figure legends are poor. Fig.(s)
SIZE: 8 1/2 x 11	Numbers and reference characters not oriented in the same
Margins not acceptable. Fig(s)	direction as the view. 37 CFR 1.84(p)(3) Fig.(s)
Top (T) Left (L')	Engligh alphabet not used. 37 CFR 1.84(p)(3) Fig.(s)
Right (R) Bottom (B)	Numbers, letters and reference characters must be at least
6. VIEWS. CFR 1.84(h)	32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig.(s)
REMINDER: Specification may require revision to correspond to drawing changes.	13. LEAD LINES. 37 CFR 1.84(q)
Views connected by projection lines or lead lines.	Lead lines cross each other. Fig.(s)
Fig.(s)	Lead lines missing. Fig.(s)
Partial views. 37 CFR 1.84(h)(2)	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.48(t)
Brackets needed to show figure as one entity.	Sheets not numbered consecutively, and in Ababic numerals
Fig.(s)	beginning with number 1. Fig.(s)
Views not labeled separately or properly.	15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
Fig.(s)	Views not numbered consecutively, and in Abrabic numerals,
Enlarged view not labeled separately or properly.	beginning with number 1. Fig.(s)
Fig.(s)	16. CORRECTIONS. 37 CFR 1.84(w)
	Corrections not made from PTO-948 dated
	17. DESIGN DRAWINGS. 37 CFR 1.152
	Surface shading shown not appropriate. Fig.(s)
	Solid black shading not used for color contrast.
	Fig.(s)
COMMENTS	
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REVIEWER DATE 0	5/11/12 TELEPHONE NO. 105805 1058
ATTACHMENT TO PAPER NO	
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Attamment for PTO-948 (Rev. 03/6, or earlier)

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities -- 37 CPR 1.85

New corrected drawings must be filed with the changes incorporated therein Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-J7), the new drawings MUST be filed within the THIREE MONTH shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, MUST be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings MUST be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication See 37 CFR 1.85(a)

Failure to take corrective action within the set period will result in ABANDONMENT of the application